

Butadiene sultamSee 2*H*-1,2-Thiazine, 1,1-dioxide [5688-22-2]**Butadiene sultone**

See 1,2-Oxathiin, 2,2-dioxide [5732-07-0]

1,3-Butadiene-1,1,3-tricarboxylic acid—, 4-hydroxy-4-(2-hydroxyphenyl)-di- δ -lactone — see 2*H*,5*H*-Pyran[3,2-*c*][1-benzopyran-3-carboxylic acid, 2,5-dioxo- [13929-54-9]**Butadienoic acid**

—, 2-hexyl-

See Octanoic acid, 2-ethenylidene- [5921-76-6]

—, 2-propyl-

See Pentanoic acid, 2-ethenylidene- [16776-81-1]

1,3-Butadien-1-ol—, 1-(*N*-phenylformimidoyl)-

See 2,4-Pentadien-2-ol, 1-(phenylimino)- [5732-12-7]

Butadigol

See Ethanol, 2-(2-butoxyethoxy)- [112-34-5]

Butadion

See 3,5-Pyrazolidinedione, 4-butyl-1,2-diphenyl- [50-33-9]

Butadiyne

—, phenyl-

See Benzene, 1,3-butadiynyl- [5701-81-5]

1,3-Butadiyne

—, 1,4-bis(1-hydroxycyclohexyl)-

See Cyclohexanol, 1,1'-(1,3-butadiyne-1,4-diyl)bis- [5768-10-5]

Butafosfan

See Phosphinic acid, 1-(butylamino)-1-methyl-ethyl- [17316-67-5]

ButafoxSee Phosphorodiamidic fluoride, *N,N'*-dibutyl- [590-69-2]**Butafume**

See 2-Butanamine [13952-84-6]

Butaglyonamide

See Benzenesulfonamide, 4,4'-(4-butyl-3,5-dioxo-1,2-pyrazolidinediyl)bis- [2603-23-8]

Butakon 7001

See Styrene-butadiene rubber

Butakon 8551

See Styrene-butadiene rubber

Butakon A 3003

See Nitrile rubber, carboxy-terminated

Butakon A 4051

See Nitrile rubber

Butakon ML 501

See 2-Propenoic acid, 2-methyl-, esters, methyl ester, polymer with 1,3-butadiene [25232-40-0]

Butakon ML 507

See 2-Propenoic acid, 2-methyl-, esters, methyl ester, polymer with 1,3-butadiene [25232-40-0]

Butakon ML 520

See 2-Propenenitrile, polymers, polymer with 1,3-butadiene [9003-18-3]

Butakon ML 577/1

See 2-Propenoic acid, 2-methyl-, esters, methyl ester, polymer with 1,3-butadiene [25232-40-0]

Butakon S 8551

See Styrene-butadiene rubber

Butakon SL 104

See Benzene, ethenyl-, polymers, polymer with 1,3-butadiene [9003-55-8]

Butakon SL 120

See Styrene-butadiene rubber

ButalactinSee 2(3*H*)-Furanone, dihydro-3-hydroxy-4-(hydroxymethyl)-3-[3-(3-methyloxiranyl)-1-oxo-2-propenyl]- [132605-69-7]**Butalamine**See 1,2-Ethanediamine, *N,N*-dibutyl-*N'*-(3-phenyl-1,2,4-oxadiazol-5-yl)- [22131-35-7]**Butalbitol**See 2,4,6(1*H*,3*H*,5*H*)-Pyrimidinetrione, 5-(2-methylpropyl)-5-(2-propenyl)- [77-26-9]**Butalene**

See Bicyclo[2.2.0]hexa-1,3,5-triene [1552-98-3]

Butalex

See 1,4-Naphthalenedione, 2-[[4-(1,1-dimethyl-ethyl)cyclohexyl]methyl]-3-hydroxy- [88426-33-9]

Butalidon

See 3,5-Pyrazolidinedione, 4-butyl-1,2-diphenyl- [50-33-9]

ButalinSee Benzenamine, 4-(1,1-dimethylethyl)-*N*-(1-methylpropyl)-2,6-dinitro- [33629-47-9]**Butalip IFP**

See Butadiene rubber

ButallylonalSee 2,4,6(1*H*,3*H*,5*H*)-Pyrimidinetrione, 5-(2-bromo-2-propenyl)-5-(1-methylpropyl)- [1142-70-7]**Butallylonal sodium**See 2,4,6(1*H*,3*H*,5*H*)-Pyrimidinetrione, 5-(2-bromo-2-propenyl)-5-(1-methylpropyl)-, monosodium salt [3486-86-0]**Butam**See Propanamide, 2,2-dimethyl-*N*-(1-methylethyl)-*N*-(phenylmethyl)- [35256-85-0]**Butamben**

See Benzoic acid, 4-amino-, butyl ester [94-25-7]

Butamben picrate

See Benzoic acid, 4-amino-, butyl ester, compd. with 2,4,6-trinitrophenol (2:1) [577-48-0]

ButamedrolSee 3,5-Pyrazolidinedione, 4-butyl-1,2-diphenyl-, compounds, mixt. with 2-(diphenylmethoxy)-*N,N*-dimethylethanamine hydrochloride [95255-39-3]**Butamid**See Benzenesulfonamide, *N*-(butylamino)carbonyl-4-methyl- [64-77-7]**Butamidine**

See Benzenecarboximidamide, 4,4'-[1,4-butanediylbis(oxy)]bis- [124076-61-5]

ButamifosSee Phosphoramidothioic acid, (1-methylpropyl)-, *O*-ethyl *O*-(5-methyl-2-nitrophenyl) ester

[36335-67-8]

ButamirateSee Benzenecetic acid, α -ethyl-, 2-[2-(diethylamino)ethoxyethyl ester [18109-80-3]**Butamirate citrate**See Benzenecetic acid, α -ethyl-, 2-[2-(diethylamino)ethoxyethyl ester, 2-hydroxy-1,2,3-propanetricarboxylate (1:1) [18109-81-4]**Butamisole**See Propanamide, 2-methyl-*N*-[3-[(6*S*)-2,3,5,6-tetrahydroimidazo[2,1-*b*]thiazol-6-yl]phenyl]- [54400-59-8]**Butamisole hydrochloride**See Propanamide, 2-methyl-*N*-[3-[(6*S*)-2,3,5,6-tetrahydroimidazo[2,1-*b*]thiazol-6-yl]phenyl]-, monohydrochloride [54400-62-3]**Butamphocin**

See Amphotericin B, 3'-deamino-3'-(tributylammonio)-, butyl ester [92754-65-9]

ButampicillinSee 4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 6-[[2-(butenylideneamino)phenylacetyl]amino]-3,3-dimethyl-7-oxo-, monosodium salt, [2*S*]-[2 α ,5 α ,6 β (*S**)]- [41192-78-3]**Butanal** [123-72-8]Acyclic acetals of butanal are indexed at *Butane* in the absence of other functions or of more preferred hydrocarbons (see notes at *Acetals*, *Ethers*). Cyclic acetals are indexed at the ring names or, if derivatives of stereoparents, at the stereoparent headings, e.g., 1,3-Dioxolane, 2-propyl-; Androstane-2,3-diol, cyclic butylidene acetal; Kauran-15-one, 6,7-[butylidenebis(oxy)]-; D-Glucitol, 4,6-*O*-butylidene-

See Butanoic acid headings for many nomenclature cross-references that will also be useful when searching for butanal derivatives

cyclic acetal with ethenol polymers

see Polyvinyl butyrals

cyclic 1,2-ethanediyl acetal

see 1,3-Dioxolane, 2-propyl- [3390-13-4]

sodium bisulfite addn. compd.

see 1-Butanesulfonic acid, 1-hydroxy-, monosodium salt [4435-33-0]

—, 2,3-epoxy-

See Oxiranecarboxaldehyde, 3-methyl- [3209-33-4]

—, 2-ethyl- [97-96-1]

Cyclic acetals with steroids are indexed under specific steroid names

—, 2-oxo-**bis[(aminoiminomethyl)hydrazono]**

see Hydrazinecarboximidamide, 2,2'-(1-ethyl-1,2-ethanediylidene)bis- [1945-68-2]

—, 3-oxo-**cyclic 1,2-ethanediyl mercaptal**

see 2-Propanone, 1-(1,3-dithiolan-2-yl)- [14860-12-9]

cyclic 1,2-ethanediyl mercaptal, cyclic 1,2-ethanediyl mercaptole

see 1,3-Dithiolane, 2-(1,3-dithiolan-2-ylmethyl)-2-methyl- [19451-22-0]

cyclic 1,3-propanediyl mercaptal, cyclic 1,3-propanediyl mercaptole

see 1,3-Dithiane, 2-(1,3-dithian-2-ylmethyl)-2-methyl- [19451-21-9]

Butanamide [541-35-5]

See Butanoic acid headings for many nomenclature cross-references that will also be useful when searching for butanamide derivatives

cyclic 1,2-ethanediyl acetal

see 1,3-Dioxolan-2-amine, 2-propyl- [23636-52-4]

O*-(2-methyl-1-oxo-2-propenyl) oxime**see Butanimidamide, *N'*-(2-methyl-1-oxo-2-propenyl)oxy- [25476-36-2]**—, *N*-(1,2-dihydro-2-oxo-1- β -D-ribofuranosyl-4-pyrimidinyl)-**See Cytidine, *N*-(1-oxobutyl)- [13089-49-1]**—, *N*-(9- β -D-ribofuranosyl-9*H*-purin-6-yl)-**See Adenosine, *N*-(1-oxobutyl)- [4662-11-7]**1-Butanamine** [109-73-9]1-Butanamine derivatives in which a cyclic parent is directly attached to a carbon atom by a single bond are indexed at conjunctive names based on the cyclic parent, e.g., 1-Piperidinebutanamine; Benzenethanamine, β -ethyl-. See also notes at *Amines*; *Ethanamine—, *N,N*-bis(3-aminopropyl)-**See 1,3-Propanediamine, *N*-(3-aminopropyl)-*N*-butyl- [1555-68-6]**—, *N*-(cyclopropylmethyl)-**See Cyclopropanemethanamine, *N*-butyl- [26389-67-3]**—, 2,3-dithiocyanato-**

See Thiocyanic acid, esters, 1-(aminomethyl)-2-methyl-1,2-ethanediyl ester [5616-03-5]

—, 1-ethenyl-

See 1-Hexen-3-amine [4181-11-7]

—, 1-(2-propenyl)-

See 1-Hepten-4-amine [5622-72-0]

—, *N,N'*-thiobis-See Sulfoxylic diamide, *N,N'*-dibutyl- [4444-52-4]**Butane** [106-97-8], compounds

Specific coordination compounds containing the butyl and/or 1-methylpropyl ligand(s) are indexed only at the coordination headings, e.g., Aluminum, dibutyl(2-propionato)- [34438-00-1]. Nonspecific coordination compounds containing these ligands are indexed here and at the element headings. Specific coordination compounds containing other ligands derived from butane are indexed here as well as at the specific coordination headings

Butane—, 1,4-bis(1*H*-benzimidazol-2-yl)-See 1*H*-Benzimidazole, 2,2'-(1,4-butanediyl)bis- [4746-56-9]

—, 1,4-bis(4-butoxybutoxy)-

See 5,10,15,20-Tetraoxatetracosane [4379-75-3]

—, 1,4-bis(3,4-dihydroxyphenyl)-2,3-dimethyl-

See 1,2-Benzenediol, 4,4'-(2,3-dimethyl-1,4-butanediyl)bis- [500-38-9]

—, 1,4-bis(2,2-dimethyl-1-oxopropyl)-

See 3,8-Decanedione, 2,2,9,9-tetramethyl- [1490-36-4]

—, 1,1-bis(4-hydroxyphenyl)-

See Phenol, 4,4'-butylidenebis- [4731-84-4]

—, 2,2-bis(4-hydroxyphenyl)-

See Phenol, 4,4'-(1-methylpropylidene)bis- [77-40-7]

—, 2,3-bis[(methylsilyl)oxy]-

See 3,6-Dioxo-2,7-disilaoctane, 4,5-dimethyl- [18543-28-7]

—, 1-bromo-2-ethyl-

See Pentane, 3-(bromomethyl)- [3814-34-4]

—, 1-chloro-2-ethyl-

See Pentane, 3-(chloromethyl)- [4737-41-1]

—, 1-cyano-

See Pentanenitrile [110-59-8]

—, 1-cyclohexyl-

See Cyclohexane, butyl- [1678-93-9]

—, 1-cyclopropyl-

See Cyclopropane, butyl- [930-57-4]

—, 1,4-dibenzoyl-

See 1,6-Hexanedione, 1,6-diphenyl- [3375-38-0]

—, 1,2,3,4-diepoxy-

See 2,2'-Bioxirane [1464-53-5]

—, 1,4-diisocyanato-

See also Vestanat TMDI [179987-35-0]

—, 1,2-epithio-

See Thiirane, ethyl- [3195-86-6]

—, 1,3-epithio-

See Thietane, 2-methyl- [17837-41-1]

—, 2,3-epithio-

See Thiirane, 2,3-dimethyl- [4426-36-2]

—, epoxy- [26249-20-7]

Studies of unspecified butylene oxides are indexed at this heading

—, 1,2-epoxy-

See Oxirane, ethyl- [106-88-7]

—, 1,3-epoxy-

See Oxetane, 2-methyl- [2167-39-7]

—, 1,4-epoxy-

See Furan, tetrahydro- [109-99-9]

—, 2,3-epoxy-

See Oxirane, 2,3-dimethyl- [3266-23-7]

—, 2-methyl-1-phenyl-

See Benzene, (2-methylbutyl)- [3968-85-2]

—, 2-methyl-3-phenyl-

See Benzene, (1,2-dimethylpropyl)- [4481-30-5]

iso-Butane

See Propane, 2-methyl- [75-28-5]

Butane-1-azoethane

See Diazene, butylethyl- [3742-51-6]

Butane-1-azomethane

—, 4-(methylazo)-

See Diazene, 1,1'-(1,4-butanediyl)bis(2-methyl- [3420-14-2]

1-Butaneboronic acid

See Boronic acid, butyl- [4426-47-5]

1-Butanecarboxylic acid

See Pentanoic acid [109-52-4]

Butanedial

bis[(aminoiminomethyl)hydrazono]

see Hydrazinecarboximidamide, 2,2'-(1,4-butanediylidene)bis- [1945-61-5]

cyclic bis(1,2-ethanediyl acetal)

see 1,3-Dioxolane, 2,2'-(1,2-ethanediyl)bis- [878-07-9]

cyclic bis(1,3-propanediyl acetal)

see 1,3-Dioxane, 2,2'-(1,2-ethanediyl)bis- [714-12-5]

1,4-Butanediamine—, *N*-(aminoiminomethyl)-

See Guanidine, (4-aminobutyl)- [306-60-5]

—, *N*-benzoyl-See Benzamide, *N*-(4-aminobutyl)- [5692-23-9]**1,1-Butanedicarboxylic acid**

See Propanedioic acid, propyl- [616-62-6]

1,2-Butanedicarboxylic acid

See Butanedioic acid, ethyl- [636-48-6]

1,4-Butanedicarboxylic acid

See Hexanedioic acid [124-04-9]

2,3-Butanediimine